



<http://www.mn-arts.org/>

Don't forget to sign up on the reflector!!

October 2014 Edition

From the President

First I want to remind everyone that we are holding our annual elections at our December meeting. We still need volunteers for our Vice President and At-Large board members. If you have any questions you can look at the position descriptions in the by-laws on the webpage, or send me an email. Please consider volunteering for one of these vital positions and helping the club. We really need your help.

Next, our first November build-a-thon is this coming weekend - November 1st - from 11 AM to 4 PM. I hope all of you will be there for the fun. If you ordered a kit, please make sure to bring your money for the kit. If you write a check you can make it payable to the club, MN-ARTS. Here are some helpful instructions from Steve that he previously sent on the reflector repeated here:

"For those of you who are building a kit from FiveDash I suggest that you go to their web site and download the instructions. You will be directed to WB5RVZ's site where he has extensive building instructions. Read through the home page for the kit you will build. You will notice that he has separate sections for the

various stages. It might be helpful to save these as PDFs and then print them off. There is also software to download depending on the kit you get. It would probably be good to spend some time reading over the instructions before tackling the project. They all look like a lot of fun!!!"

If you did not order a kit, you can bring your own project or just come by to hang out and see what others are doing. We will have a couple of extra solder stations set up but it would be helpful to bring your own if you have one. Also, feel free to bring some food to share since it will be over the lunch hour as well.

See you Saturday
73 de chuck ka8hde

October Meeting Minutes

Chuck Stroud, KA8HDE, called the meeting to order at 1:30 PM. 22 were in attendance.

Old Business:

- September meeting minutes were approved.

- The Treasurer, Paul Bushouse, N0TYE, reports that the balance is \$1706.00.
- The November Build-a-Thon was discussed. Steve, NW0C, brought in a Tiny Traker 4, Hendricks 41db Step Attenuator, Hendricks AccuProbe and a surface mount Christmas Tree kit for the club to examine. After some discussion the group seemed to decide on the Tiny Traker and the SDR kits available from Five Dash. Those wanting to order kits will send an e-mail to Steve, NW0C.
- December elections were discussed. The VP, Treasurer and Member at Large are all up. Paul Bushouse, N0TYE, said he would be glad to fill the Treasurer position for another term.

New Business:

- Paul Bushouse, N0TYE, requested that all members take a minute and fill out the survey which will be posted to Survey Monkey.

<https://www.surveymonkey.com/s/CW9685G>

Show & Tell

John Krawczak, KJ0P, gave us an update on his newly acquired TenTec Rebel. He showed us how he monitors the frequency and how to change tuning steps. John also described his QRP Triband Vertical which uses center loading. John showed us the coil he built for the antenna which measures about 20 uH.





Bob Liesenfeld, WB0POQ, brought in a project he has been working on that employs a “huff & puff” stabilizer. The unit uses a 27 MHz Clapp oscillator and it exhibits extremely low drift.



Ted Kinnear, KD0NPJ, showed us some very useful knots he learned which would be helpful when erecting antennas. There is a YouTube video at:

<http://www.youtube.com/watch?v=OgE8YRePgaA>

Be sure to check out the video!!

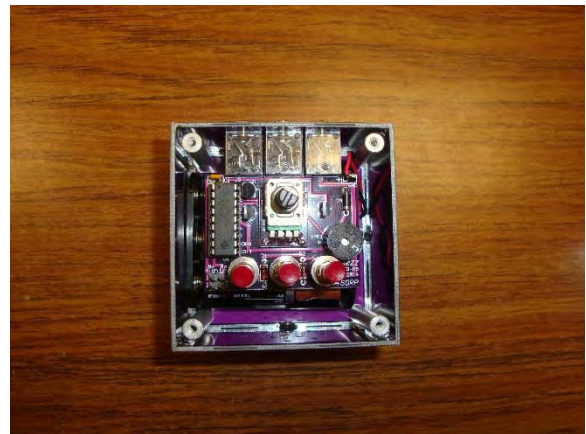
Dave Donaldson, WB7DRU, brought in a St. Louis Vertical which is made from a 20 foot fishing pole. Dave told us that the American QRP Club has design information. He explained how the base section is wound with twin lead and how the antenna is mounted in the ground and the radials attached. The antenna uses a balanced line tuner.



Jeremy Mooney, KC0LDI, brought in a switching regulator which is recently acquired. It operates at 150 KHz and can accept up to 35V DC at the input. It is built around the LM2586 series.



Craig Johnson, AA0ZZ, brought in his redesigned CW keyer. He showed us three styles each with a different speaker. The new version is much louder. He is in the process of redesigning the case.



October Presentation

Steve Ulrich, NW0C, spoke on the subject of surface mount devices. Steve first explained that surface mount components come in a variety of sizes. He then showed how to read the values of resistors and capacitors. This was

followed by a discussion of the necessary equipment to successfully work on surface mount components and how to go about removing and installing

them. Steve emphasized the need for good clean flux and quality solder.

Respectfully submitted,
Steve, NW0C

Club Officers:

President: Chuck Stroud/KA8HDE
Vice Pres: Larry Gaalaas/KB0R
Secretary: Steve Ulrich/NW0C
Treasurer: Paul Bushouse/N0TYE
At Large: Tom Kent/WM0SS

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